



ELECTRICAL SITE PLAN
SCALE: 1"=20'-0"

DEPARTMENT OF WATER RESOURCES NOTES:

- A SEVEN (7) DAY ADVANCE NOTIFICATION IS REQUIRED PRIOR TO STARTING WORK WITHIN DEPARTMENT OF WATER RESOURCES RIGHT OF WAY. CONTACT THE DEPARTMENT OF WATER RESOURCES, DIVISION ON ENGINEERING, ENCROACHMENT PERMIT SECTION, SACRAMENTO, CALIFORNIA AT (800) 600-4397 AND DWR SAN JOAQUIN FIELD DIVISION AT (661) 858-5513 AND CENTRAL COAST AUTHORITY AT (805) 697-5235 SIMULTANEOUSLY.
- EXCEPT AS OTHERWISE PROVIDED HEREIN, MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT IN PLACE ALL SWP FACILITIES AND APPURTENANCES, INCLUDING BUT NOT LIMITED TO COMMUNICATION AND CONTROL CABLES AND CATHOTIC PROTECTION TEST STATIONS. THE PERMITTEE AND CONTRACTOR WILL BE LIABLE FOR ALL DAMAGES TO SWP FACILITIES AND APPURTENANCES AS A RESULT OF THE CONSTRUCTION AND FOR ANY OTHER DAMAGES OR LOSSES SUFFERED BY DWR OR ITS WATER CONTRACTORS, INCLUDING POWER, IRRIGATION, MUNICIPAL AND INDUSTRIAL WATER SUPPLY, AND COMMUNICATION LOSSES.

GENERAL SITE PLAN NOTES

- UTILITY COMPANY CONTACTS: BEFORE CONSTRUCTION, COORDINATE & VERIFY ALL UTILITY COMPANY REQUIREMENTS:

PG&E: MIKE ORBAN ML07@PGE.COM
- TRENCHING AND BACKFILLING FOR ALL CONDUIT SYSTEMS SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. ALL CONDUITS SHALL HAVE MINIMUM COVER REQUIREMENTS AS SPECIFIED IN CEC 300-5. MORE STRINGENT DEPTH REQUIREMENTS MAY BE IMPOSED BY UTILITY COMPANY AND / OR THIS SPECIFICATION. JOINT TRENCHING MAY BE UTILIZED WHERE PRACTICABLE AND WERE PERMITTED BY THIS SPECIFICATION.
- LOCATIONS OF EXISTING UNDERGROUND (UG) UTILITY SYSTEMS SHALL BE DETERMINED BY CALLING UNDERGROUND SERVICE ALERT (USA), WHEN PLANNING UNDERGROUND WORK, AND BEFORE YOU DIG, CONTACT UNDERGROUND SERVICE ALERT (USA) AT LEAST 48 HOURS PRIOR TO EXCAVATION (WEEKENDS EXCLUDED) FOR THE LOCATION OF UNDERGROUND GAS AND ELECTRIC LINES OR EQUIPMENT.
- MAINTAIN REQUIRED CLEARANCES FROM ALL SANITARY SEWER, WATER AND STORM DRAIN PIPING. REFER TO CIVIL PLANS FOR EXACT LOCATIONS AND DEPTHS OF PIPING.
- ALL SITE UTILITY WORK SHALL BE INSTALLED PER THE UTILITY COMPANY ISSUED CONSTRUCTION DRAWINGS AND SPECIFICATIONS SPECIFIC TO THIS PROJECT. ANY UTILITY WORK PERFORMED WITHOUT PRIOR UTILITY COMPANY APPROVAL SHALL BE DONE AT THE CONTRACTOR'S RISK.
- THOMA HAS CONTACTED THE ABOVE UTILITY IN AN EFFORT TO REFLECT THE UTILITY WORK THAT WILL BE REQUIRED AS PART OF THIS PROJECT. WHERE A UTILITY PLAN HAS BEEN MARKED UP AND SENT BACK TO OUR OFFICE WITH A UTILITY REQUIREMENT, IT HAS BEEN REFLECTED ON THE PLANS. IF PLANS WERE NOT RECEIVED BACK FROM A UTILITY, WE HAVE INDICATED OUR BEST ESTIMATION OF THEIR REQUIREMENTS. THE UTILITY WORK SHOWN ON THE CONSTRUCTION DOCUMENT IS:

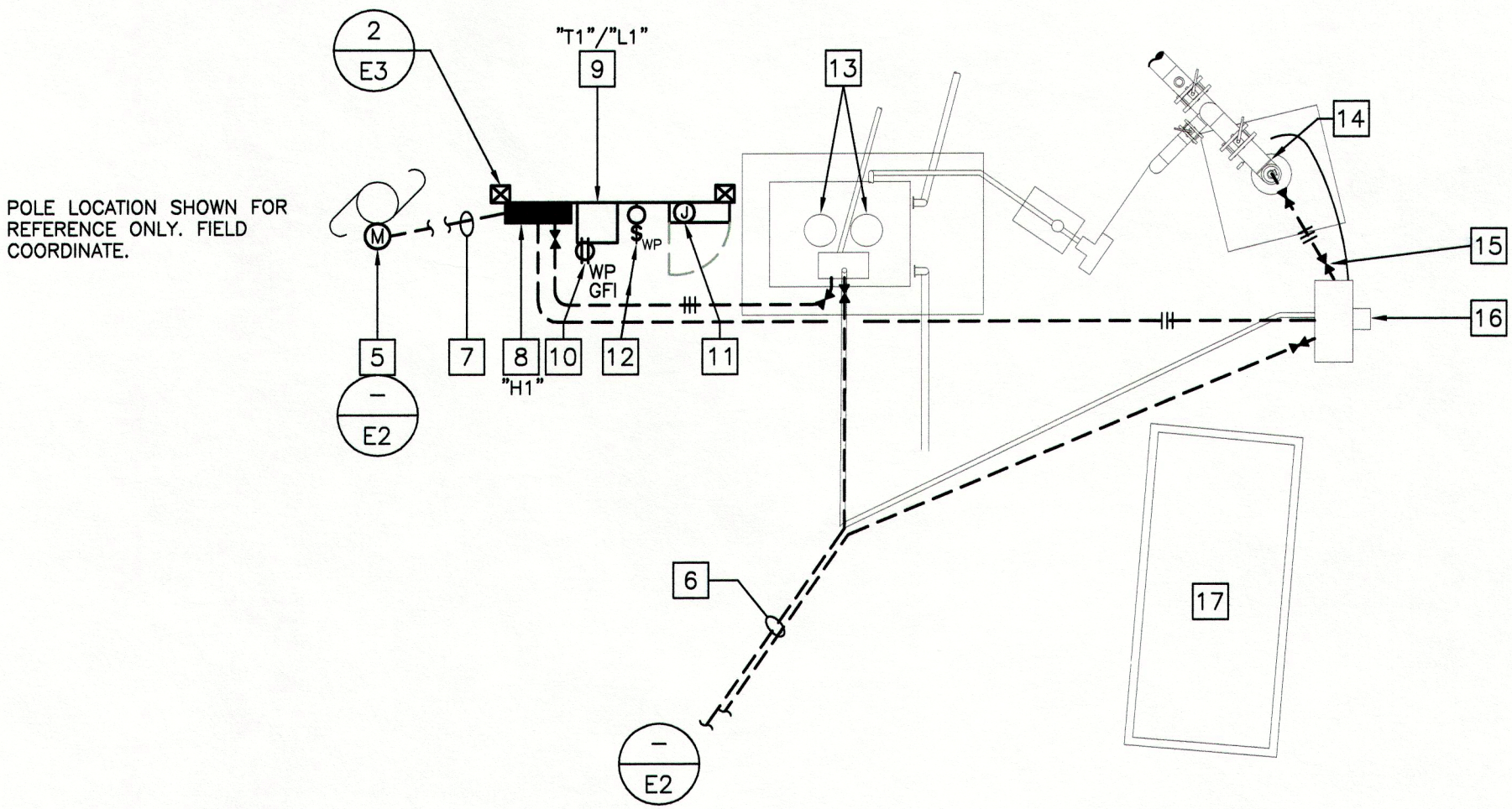
ELECTRIC UTILITY (PG&E)

☐ AN ESTIMATE ONLY

☒ BASED ON PLAN RECEIVED ON 04/28/11

REFERENCE NOTES

1. EXISTING PG&E OVERHEAD PRIMARY TO REMAIN.
2. EXISTING PG&E POWER POLE WITH NEW 277/480V, 3Ø POLE MOUNT TRANSFORMER. SEE UTILITY COMPANY HAND OUT PACKAGE.
3. MID-SPAN PG&E POLE. SEE UTILITY COMPANY HANDOUT PACKAGE. LOCATE POLE BETWEEN EDGE OF PAVEMENT (SOUTH THOMPSON ROAD) AND EXISTING STATE WATER LINE EASEMENT. REFER TO CIVIL PLAND FOR EASEMENT LOCATION.
4. NEW PG&E OVERHEAD SECONDARY. SEE UTILITY COMPANY HANDOUT PACKAGE.
5. CUSTOMER OWNED SERVICE POLE AND METER/MAIN. SEE SINGLE LINE DIAGRAM.
6. CONDUIT TO WELL TANK FOR CONTROLS. COORDINATE WITH CIVIL PLANS. SEE SINGLE LINE DIAGRAM.
7. PANEL "H1" FEEDER FROM METER/MAIN. SEE SINGLE LINE DIAGRAM.
8. BRANCH CIRCUIT PANELBOARD (NEMA 3R). SEE PANEL SCHEDULE ON SHEET E3.
9. COMBINATION TRANSFORMER AND BRANCH CIRCUIT PANELBOARD. SEE SINGLE LINE DIAGRAM FOR SPECIFICATION. SEE PANEL SCHEDULE ON SHEET E3.
10. WP/GFI DUPLEX CONVENIENCE OUTLET. SEE PANEL SCHEDULE FOR BRANCH CIRCUIT CONNECTION.
11. PROVIDE 120V. DEDICATED BRANCH CIRCUIT TO SITE IRRIGATION CONTROLLER. COORDINATE CONTROLLER LOCATION WITH CIVIL PLANS. SEE PANEL SCHEDULE FOR BRANCH CIRCUIT CONNECTION.
12. UTILITY LIGHT (CUT OFF) AND 20 MINUTE (MAX) TIMER SWITCH (PHOTOCELL ENABLED). SEE PANEL SCHEDULE FOR BRANCH CIRCUIT CONNECTION. SEE DETAIL 2, SHEET E3 FOR FIXTURE SPECIFICATION.
13. BOOSTER PUMPS. SEE CIVIL PLANS.
14. EXISTING IRRIGATION PUMP. SEE CIVIL PLANS.
15. PROVIDE CONDUIT SEAL AT EACH END OF CONDUIT. TYPICAL.
16. EXISTING IRRIGATION PUMP CONTROL PANEL. SEE CIVIL PLANS.
17. EXISTING GENERATOR. DISCONNECT, REMOVE, AND SALVAGE PER OWNER REQUIREMENTS. SEE SINGLE LINE DIAGRAM AND DIVISION 16 SPECIFICATIONS.



SIGNATURE

DATE SIGNED

These plans and specifications, and the ideas and designs incorporated herein, are instruments of service prepared for the construction of work shown hereon and shall not be used in whole or in part for any other project without written authority of Wallace Group, a California Corporation.

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EXPIRES: 06/30/13
THOMA #10-8105

Oak Woodland Habitat Creation
for the
Willow Road Extension and HWY 101 Interchange
Project

JOB #: 10-8105
DESIGNERS: HG
DRAWN BY: DM
DATE: 08-10-12
DRAWING NO.
E2
7 OF 9

1

ENLARGED PLAN
SCALE: 1/4"=1'-0"

100% Submittal